National Testing Agency

Question Paper Name: Introduction to Cyber Security 25th March 2021 Shift 1

Subject Name: Introduction to Cyber Security

Creation Date : 2021-03-25 13:44:21

Duration:180Number of Questions:100Total Marks:100Display Marks:Yes

Introduction to Cyber Security

Group Number:

Group Id: 864351117

Group Maximum Duration:

Group Minimum Duration:

Show Attended Group?:

No
Edit Attended Group?:

No
Break time:

Group Marks:

100
Is this Group for Examiner?:

No

Introduction to Cyber Security-1

Section Id: 864351527

Section Number :

Section type: Online
Mandatory or Optional: Mandatory

Number of Questions: 100

Number of Questions to be attempted:100Section Marks:100Mark As Answered Required?:YesSub-Section Number:1

Sub-Section Id: 864351569

Question Shuffling Allowed: Yes

Question Number: 1 Question Id: 86435110093 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

ARPANET stands for

- 1. Advanced Research Project Agency Network
- 2. Advanced Research Programmed Auto Network
- 3. Advanced Research Project Automatic Network
- 4. Advanced Research Project Authorized Network

Options:

86435132607.1

86435132608. 2

86435132609.3

86435132610.4

Question Number: 2 Question Id: 86435110094 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which of the following	is/are NOT	valid mean	s of authent	ication for	inter-operable
transactions?					

A. Aadhar

B. Megnetic Strip

C. OTP

D. Bank Pin

Choose the *correct* answer from the options given below:

1. A + B

2. B + D

3. A + C

4. A + D

Options:

86435132611.1

86435132612. 2

86435132613.3

86435132614. 4

 $Question\ Number: 3\ Question\ Id: 86435110095\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Shu$

Which one of the answer options best describes the situation described below?

A physical object, usually a storage device, such as a USB drive, memory card, or CD, that a social engineer leaves in the vicinity of his target organization in the hope that one of the organization's staff members will pick it up and plug it into their computer, unknowingly running a malicious program, or in the case of an ethical social engineering test, a benign program that might do something like redirect the user to a training and awareness website.

- 1. Dumpster Driving
- 2. Mumble attack
- 3. Road Apples/ Baiting
- 4. Diversion Theft

Options:

86435132615. 1

86435132616. 2

86435132617.3

86435132618.4

Question Number: 4 Question Id: 86435110096 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

By symmetric key encryption we mean:

- 1. One private key is used for both encryption and decryption
- 2. Private and Public key used are symmetric
- 3. Only public keys are used for encryption
- 4. Only symmetric key is used for encryption

Options:

86435132619. 1

86435132620. 2

86435132622. 4

 $Question\ Number: 5\ Question\ Id: 86435110097\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Shu$

Correct Marks: 1 Wrong Marks: 0

Arrange the following in chronological order:

A. MERIT Network

B. ARPANET

C. NSFnet

D. CYCLADES

Choose the correct answer from the options given below

1. A,B,C,D

2. B,C,A,D

3. C,B,D,A

4. B,A,D,C

Options:

86435132623.1

86435132624. 2

86435132625.3

86435132626. 4

Question Number: 6 Question Id: 86435110098 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which five of the following US universities/institutions participate in the National Science Foundation's NSFnet?

A. Princeton University

B. Harvard University

C. Cornell University

D. Yale University

E. University of Illinois at Urbana-Champaign

F. Carnegie Mellon University

G. University of Delaware

H. General Atomics, San Diego Supercomputer Center

Choose the *correct* answer from the options given below:

1. A, B, C, D and E

2. A, C, E, F and H

3. A, B, D, G and H

4. C, D, E, G and H

Options:

86435132627. 1

86435132628. 2

86435132629.3

86435132630.4

Question Number: 7 Question Id: 86435110099 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II	
Technology	Country	
A. Packet Switching	I. USA	
B. CYCLADES	II. RUSSIA	
C. SPUTNIK	III. FRANCE	
D. NSFnet	IV. UK National Physical Laboratory	

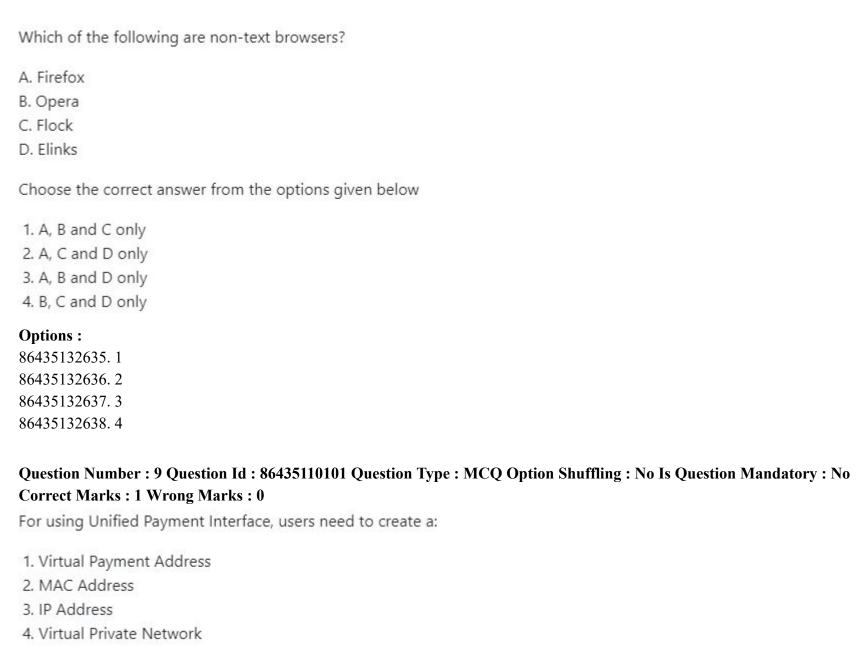
Choose the **correct** answer from the options given below:

- 1. A I, B II, C III, D IV
- 2. A III, B II, C I, D IV
- 3. A IV , B I , C III , D II
- 4. A IV, B -III, C II, D I

Options:

- 86435132631.1
- 86435132632. 2
- 86435132633.3
- 86435132634.4

Question Number: 8 Question Id: 86435110100 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No



Options:

86435132639. 1

86435132640. 2

86435132641.3

Question Number: 10 Question Id: 86435110102 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Match List I with List II

List I	List II
IP Class	IP Address
A. Class A	I. 135.58.24.17
B. Class B	II. 192.168.178.1
C. Class C	III. 2.134.213.2
D. Class D	IV. 243.164.89.28
	V. 227.21.6.173

Choose the correct answer from the options given below:

1. A - I, B - II, C - IV, D - V

2. A - III , B - I , C - II, D - V

3. A - III, B - II, C - I, D - IV

4. A - V , B - IV , C - II, D - I

Options:

86435132643.1

86435132644. 2

86435132645.3

86435132646.4

Question Number: 11 Question Id: 86435110103 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which one of the following describe an attack which proceeds with small increments and finally adds up to a major attack with each increment being so small that it remains unnoticed?

- 1. Dumpster Driving
- 2. Diversion Theft
- 3. Road Apples/ Baiting
- 4. Salami Attack

Options:

86435132647. 1

86435132648. 2

86435132649. 3

86435132650.4

Question Number: 12 Question Id: 86435110104 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

The first phase of hacking an IT system is a compromise of which foundation of security?

- 1. Availability
- 2. Confidentiality
- 3. Integrity
- 4. None of the above

Options:

86435132651.1

86435132652. 2

86435132653.3

86435132654.4

Question Number: 13 Question Id: 86435110105 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II
A. Trojan Horse	I. It is a special type of malware which is used for force advertising.
B. Worms	II. This software modifies the browser's setting and redirect links to other unintentional sites.
C. Adware	III. It is a special type of software which is installed in the target computer with or without the user permission and is designed to steal sensitive information from the target machine.
D. Spyware	IV.They are a class of virus which can replicate themselves.
	V. This is malicious code that is installed in the host machine by pretending to be useful software.

Choose the **correct** answer from the options given below:

- 1. A II, B III, C I, D IV
- 2. A V, B IV, C II, D -I
- 3. A V, B IV, C I, D III
- 4. A V, B IV, C III, D II

Options:

86435132655. 1

86435132656. 2

86435132657. 3

86435132658. 4

Question Number: 14 Question Id: 86435110106 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Internet works on which of the following?

- A. Packet Switching
- B. Circuit Switching
- C. Data Switching

Choose the *correct* answer from the options given below:

- 1. A, B and C
- 2. A only
- 3. B only
- 4. Both A and B

Options:

86435132659. 1

86435132660. 2

86435132661.3

86435132662.4

Question Number: 15 Question Id: 86435110107 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II
OSI Layer	Data Unit
A. Network Layer	I. Segments
B. Data Link Layer	II. Packet
C. Transport Layer	III. Bits
D. Physical Layer	IV. Frames

Choose the correct answer from the options given below:

- 1. A I , B II , C III , D IV
- 2. A II, B IV, C III, D I
- 3. A I , B III , C II , D IV
- 4. A II , B IV , C I , D III

Options:

86435132663. 1

86435132664. 2

86435132665.3

86435132666. 4

Question Number: 16 Question Id: 86435110108 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Arrange the following stages of the Social Engineering Attack Cycle in sequence

- A. Research
- B. Cloak activities
- C. Exploiting trust and utilizing information
- D. Developing rapport and trust

Choose the *correct* sequence from the options given below:

- 1. A, B, C and D
- 2. D, A, B and C
- 3. B, C, A and D
- 4. A, D, C and B

Options:

86435132667. 1

86435132668. 2

86435132669.3

86435132670.4

Question Number: 17 Question Id: 86435110109 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which one of the following enables secure and private data exchange/transfer on an unsecure public network?

- 1. Public Key Infrastructure
- 2. Virtual Key Infrastructure
- 3. Private Key Infrastructure
- 4. All of the above

Options:

86435132671.1

86435132672. 2

86435132673.3

86435132674.4

Question Number: 18 Question Id: 86435110110 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which of the following is a valid difference between a Virus and a Spyware?

- 1. Spyware damages data and also steals sensitive private information
- 2. Virus damages data, Spyware steals sensitive private information
- 3. Spyware damages data, Virus steals sensitive private information
- 4. Virus damages data and also steals sensitive private information

Options:

86435132675. 1

86435132676. 2

86435132677.3

86435132678.4

Question Number: 19 Question Id: 86435110111 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which of the following is/are valid Cyber/Internet Security requirement(s)?

- A. Authentication
- B. Confidentiality
- C. Integrity

Choose the *correct* answer from the options given below:

- 1. A Only
- 2. B Only
- 3. C Only
- 4. A, B and C

Options:

86435132679.1

86435132680, 2

86435132681.3

86435132682.4

 $Question\ Number: 20\ Question\ Id: 86435110112\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Correct Marks: 1 Wrong Marks: 0

A Digital Signature is:

- 1. A bit of string giving identity of a correspondent.
- 2. An authentication of an electronic record by tying it uniquely to a key only a sender knows.
- 3. A unique identification of a sender.
- 4. An encrypted signature of a sender.

Options:

86435132683.1

86435132684. 2

Question Number: 21 Question Id: 86435110113 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which of the following class of IPs is/are reserved for multicast groups?

A. Class A

B. Class B

C. Class C

D. Class D

E. Class E

Choose the *correct* answer from the options given below:

1. A, B and D only

2. C and D only

3. D only

4. D and E only

Options:

86435132687. 1

86435132688. 2

86435132689.3

86435132690.4

Question Number: 22 Question Id: 86435110114 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

In order to help us mitigate risk, we can put measures in place to help ensure that a given type of threat is accounted for. These measures are referred to as:

- 1. Risk Assessment
- 2. Interception
- 3. Controls
- 4. None of the above

Options:

86435132691.1

86435132692. 2

86435132693.3

86435132694.4

Question Number: 23 Question Id: 86435110115 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Fill in the blank

_____ of information means, only authorised users are capable of accessing the information.

- 1. Confidentiality
- 2. Integrity
- 3. Non-repudiation
- 4. Availability

Options:

86435132695.1

86435132696. 2

86435132697.3

86435132698.4

Question Number: 24 Question Id: 86435110116 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following does NOT come under Social Engineering?

- 1. Tailgating
- 2. Phishing
- 3. Spamming
- 4. Pretexting

Options:

86435132699.1

86435132700. 2

86435132701.3

86435132702.4

Question Number: 25 Question Id: 86435110117 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Packet filtering firewalls are deployed on which of the following?
A. Routers
B. Switches
C. Hubs
D. Repeaters

Choose the *correct* answer from the options given below:

- 1. A, B, C and D
- 2. A only
- 3. B and C only
- 4. B, C and D only

Options:

86435132703. 1

86435132704. 2

86435132705.3

86435132706.4

 $Question\ Number: 26\ Question\ Id: 86435110118\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Fill in the blank

Unauthorized access is a network _____ issue.

- 1. Security
- 2. Performance
- 3. Reliability
- 4. None of the above

Options:

86435132707. 1

86435132708. 2

86435132709.3

86435132710.4

Question Number: 27 Question Id: 86435110119 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II
Inventor	Technology
A. First Web Browser	I. Donald Davies
B. First Email Message	II. Leonard Kleinrock
C. Idea of Packet Switching	III. Donn Parker
D. Parkerian Hexad	IV. Tim Berners Lee

Choose the correct answer from the options given below:

- 1. A I, B II , C III , D IV
- 2. A IV, B III, C II, D I
- 3. A II, B IV, C III, D I
- 4. A IV, B II, C I, D III

Options:

86435132711. 1

86435132712. 2

86435132713.3

86435132714.4

Question Number: 28 Question Id: 86435110120 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Lack of access control policy is a

- 1. Bug
- 2. Threat
- 3. Vulnerability
- 4. Attack

Options:

86435132715. 1

86435132716. 2

86435132717.3

86435132718.4

Question Number: 29 Question Id: 86435110121 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

What is an example of a "419" Scam?

- Someone who uses social engineering to gain access to your computer or personal information
- Someone who sends you an email in the hope you open an attachment which contains a virus
- When you download a program that appears harmless, but it actually installs spyware on your computer.
- 4. A con in which someone asks you for assistance in retrieving a vast sum of money. Often it involves you helping him or her pay off certain fees and in return they promise to share the money with you.

Options:

86435132719. 1

86435132720. 2

86435132721.3

86435132722. 4

 $Question\ Number: 30\ Question\ Id: 86435110122\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Which one of the following is the practice and taking of precautions to protect valuable information from unauthorised access, recording, disclosure or destruction?

- 1. Network Security
- 2. Data Security
- 3. Physical Security
- 4. Information Security

Options:

86435132723. 1

86435132724. 2

86435132725.3

86435132726.4

Question Number: 31 Question Id: 86435110123 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which of the following are the two types of Firewalls?

- A. Hardware
- B. Digital
- C. Software
- D. Analog

Choose the *correct* answer from the options given below:

- 1. A and B only
- 2. A and C only
- 3. B and D only
- 4. C and D only

Options:

86435132727. 1

86435132728. 2

86435132729.3

86435132730.4

Question Number: 32 Question Id: 86435110124 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which of the following involves submitting as many requests as possible to a single Internet computer or service, overloading it and preventing it from servicing legitimate requests?

- 1. Distributed denial-of-service attacks
- 2. Backdoor
- 3. Masquerading
- 4. Phishing

Options:

86435132731.1

86435132732. 2

86435132733.3

86435132734.4

Question Number: 33 Question Id: 86435110125 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II		
Agency	Region		
A. APNIC	I. This RIR is responsible for serving Europe, the Middle East, and parts of Central Asia		
B. LACNIC	II. This RIR is responsible for serving the Asia Pacific region		
C. ARIN	III. This RIR is responsible for serving the African region		
D. RIPE NCC	IV. This RIR is responsible for serving Latin America and the Caribbean		
	V. This RIR is responsible for serving North America and several Caribbean and North Atlantic islands		

Choose the **correct** answer from the options given below:

1. A - II , B - III , C - V , D - I

2. A - IV, B - V, C - III, D - I

3. A - II, B - IV, C - V , D - I

4. A - I, B - III, C - V , D - IV

Options:

86435132735. 1

86435132736. 2

86435132737. 3

86435132738.4

Question Number: 34 Question Id: 86435110126 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

There are currently how many rootname servers?

1.13

2.11

3.15

4.14

Options:

86435132739.1

86435132740. 2

86435132741.3

86435132742.4

Question Number: 35 Question Id: 86435110127 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which one of the following is an alternative app center for Android that only distributes FOSS applications?

- 1. F-Droid
- 2. App Droid
- 3. FOSS Droid
- 4. Free Droid

Options:

86435132743.1

 $86435132744.\ 2$

86435132745.3

86435132746.4

Question Number: 36 Question Id: 86435110128 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

What is the name of the IT law that was passed by the Indian legislature?

- 1. India's Technology (IT) Act, 2000
- 2. India's Digital Information Technology (DIT) Act, 2000
- 3. India's Information Technology (IT) Act, 2000
- 4. The Technology Act, 2008

Options:

86435132747. 1

86435132748. 2

86435132749. 3

86435132750.4

Question Number: 37 Question Id: 86435110129 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II
A. Rootkits	I. is a method of protecting information and communications through the use of codes, so that only those for whom the information is intended can read and process it
B.Steganography	II. is a mathematical technique used to validate the authenticity and integrity of a message, software or digital document
C.Cryptography	III. is the technique of hiding secret data within an ordinary, non-secret, file or message in order to avoid detection
D. Digital	IV. is a malicious software that allows an unauthorized user to have
Signature	privileged access to a computer and to restricted areas of its software.

Choose the correct answer from the options given below:

1. A - IV , B - III, C - I , D - II

2. A - I, B - II , C - III , D - IV

3. A - II, B - I, C - IV, D - III

4. A - IV, B - II, C - I, D - III

Options:

86435132751. 1

86435132752. 2

86435132753.3

86435132754. 4

Question Number: 38 Question Id: 86435110130 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which one of the following means taking advantage of a weakness in the security of an IT system?

- 1. Threat
- 2. Attack
- 3. Exploit
- 4. Vulnerability

Options:

86435132755. 1

86435132756. 2

86435132757.3

86435132758.4

Question Number: 39 Question Id: 86435110131 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Match List I with List II

List I	List II
A. IPv4 Address	I. 48 Bits
B. MAC Address	II. 128 Bits
C. IPv6 Address	III. 32 Bits
D. IMSI Number	IV.14 Digits
	V. 15 Digits

Choose the **correct** answer from the options given below:

Options:

86435132759. 1

86435132760. 2

86435132761.3

86435132762. 4

 $Question\ Number: 40\ Question\ Id: 86435110132\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Correct Marks: 1 Wrong Marks: 0

UPI has been built on which platform?

- 1. Moodle
- 2. Droople
- 3. NPCI
- 4. IMPS

Options:

86435132763.1

86435132764. 2

86435132765.3

86435132766.4

Question Number: 41 Question Id: 86435110133 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which of the following statements about Digital Signatures are true:

- A. The digital signatures not only validate the data but are also used for authentication.
- B. The digital signature is created by encrypting the data with the private key of the sender.
- C. It prevents the malicious code to enter the system.
- D. It also prevents the denial or agreement at a later stage.

E. It is a security system that monitors and controls the incoming and outgoing network traffic based on predetermined security rules.

Choose the *correct* answer from the options given below:

- 1. A, B and D only
- 2. A and B only
- 3. A, D and E only
- 4. A only

Options:

86435132767. 1

86435132768. 2

86435132769.3

86435132770.4

Question Number: 42 Question Id: 86435110134 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

In which one of the following the router forwards the received packets through only one of its interface?

- 1. Unicast
- 2. Multicast
- 3. Broadcast
- 4. None of the above

Options:

86435132771.1

86435132772. 2

86435132773.3

86435132774.4

 $Question\ Number: 43\ Question\ Id: 86435110135\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Correct Marks: 1 Wrong Marks: 0

What is Ransomware?

A. Viruses that infect files and won't let you open them unless you know a certain passcode

B. A nickname of types of spyware that require a password on boot

C. Software that steals files from your computer and is used by blackmailers

D. A software that hijacks your computer and asks you to pay in order for it to be removed.

Choose the *correct* answer from the options given below:

- 1. A, B and D only
- 2. A and B only
- 3. C only
- 4. D only

Options:

86435132775.1

86435132776. 2

86435132777.3

86435132778.4

Question Number: 44 Question Id: 86435110136 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following is the act of ensuring that data is not lost when critical issues arise?

- 1. Confidentiality
- 2. Social Engineering
- 3. Information Assurance
- 4. None of the above

Options:

86435132779.1

86435132780. 2

86435132781.3

86435132782.4

Question Number: 45 Question Id: 86435110137 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

OWASP stands for

- 1. Open and Wide Applications of Security Programming
- 2. Open Web Application Security Project
- 3. On-demand Web Application Security Protocol
- 4. Open Web Application Security Protocol

Options:

86435132783.1

86435132784. 2

86435132785.3

86435132786.4

Question Number: 46 Question Id: 86435110138 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

You can store most of your passphrases in a single, encrypted file on an Android device by installing a FOSS tool called

- 1. KeePassDroid
- 2. OpenKeychain
- 3. Orweb
- 4. Orbot

Options:

86435132787. 1

86435132788. 2

86435132789.3

86435132790.4

Question Number: 47 Question Id: 86435110139 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Given below are two statements

Statement I: Firmware refers to programmes that are closely related to the particular device.

Statement II: The process of overcoming the limits imposed by mobile carriers, or manufacturers of operating systems on a smartphone is called rooting (in case of Android devices), or jailbreaking (in case of iOS devices, like iPhone or iPad).

In light of the above statements, choose the correct answer from the options given below

- 1. Both Statement I and Statement II are true
- 2. Both Statement I and Statement II are false
- 3. Statement I is true but Statement II is false
- 4. Statement I is false but Statement II is true

Options:

86435132791.1

86435132792. 2

86435132793.3

86435132794.4

Question Number: 48 Question Id: 86435110140 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Match List I with List II

List I	List II
A. VPN	I. It is an app that is designed to increase the anonymity of your activities on the Internet by sending your connections over the Tor network.
B. APG app	II. It is a free camera application for Android devices that has the ability to recognize and hide faces. It allows you to blur or delete the faces of those you photograph in order to protect their identities.
C. Obscuracam	III. is one of the ways to securely proxy your internet communication.
D. Orbot	IV. lets you encrypt and decrypt single files or emails, for personal use or to share with others, using either public key cryptography or a passphrase.

Choose the **correct** answer from the options given below:

1. A - II , B - IV , C - III, D - I

2. A - I, B - III , C - II , D - IV

3. A - III, B - IV, C - II, D - I

4. A - IV, B - II, C - III, D - I

Options:

86435132795. 1

86435132796. 2

86435132797.3

86435132798. 4

Question Number: 49 Question Id: 86435110141 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which one of the following was created for rapid identification & response to security incidents and information exchange to reduce the risk of cyber threat and resultant effects?

- 1. National Cyber Alert System
- 2. NATGRID
- 3. National Criminal and Crime Control Center
- 4. National Critical Infrastructure Cyber Security Center

Options:

86435132799.1

86435132800. 2

86435132801.3

86435132802.4

Question Number: 50 Question Id: 86435110142 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

The think-tank run by a not-for-profit organisation which carries out discussions, awarenessraising and campaigns related to privacy on social networks is

- 1. Social Swarm
- 2. Diaspora
- 3. Crabgrass
- 4. Friendica

Options:

86435132803.1

86435132804. 2

86435132805. 3

86435132806. 4

Question Number: 51 Question Id: 86435110143 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

The first computer virus was

- 1. I Love You
- 2. Blaster
- 3. Creeper
- 4. Sasser

Options:

86435132807.1

86435132808. 2

86435132809. 3

86435132810.4

Question Number: 52 Question Id: 86435110144 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

McAfee is an example of a/an

- 1. Virus
- 2. Photo Editing Software
- 3. Antivirus
- 4. None of the above

Options:

86435132811.1

86435132812. 2

86435132813.3

86435132814.4

Question Number: 53 Question Id: 86435110145 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Key Logger is a

- 1. Firmware
- 2. Antivirus
- 3. Spyware
- 4. All of the above

Options:

86435132815. 1

86435132816. 2

86435132817. 3

86435132818.4

Question Number: 54 Question Id: 86435110146 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Given below are two statements about Firewall

Statement I: It monitors attempts to gain access to your operating system and blocks unwanted traffic or unrecognized sources.

Statement II: It does not block specific data packets based on pre-established security rules.

In light of the above statements, choose the correct answer from the options given below

- 1. Both Statement I and Statement II are true
- 2. Both Statement I and Statement II are false
- 3. Statement I is true but Statement II is false
- 4. Statement I is false but Statement II is true

Options:

86435132819. 1

Question Number: 55 Question Id: 86435110147 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which of the following is NOT a vulnerability to information security?

A. Flood

B. Disposal of storage media without deleting data

C. Unchanged default password

D. Latest patches and updates not done

Choose the *correct* answer from the options given below:

- 1. A, B and C only
- 2. A only
- 3. A and C only
- 4. B, C and D only

Options:

86435132823.1

86435132824. 2

86435132825.3

86435132826.4

Question Number: 56 Question Id: 86435110148 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Many PC manufacturers include additional software with Windows when you purchase a new computer. These manufacturers are paid by the software vendors to include this software and the bundled software may not benefit and may even harm the interest of the consumer. Such software is known as

- 1. Trojan Horse
- 2. Virus
- 3. Bloatware
- 4. Scareware

Options:

86435132827. 1

86435132828. 2

86435132829.3

86435132830.4

Question Number: 57 Question Id: 86435110149 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

The method of reverting the encrypted text which is known as cipher text to its original form i.e. plain text is known as

- 1. Cryptanalysis
- 2. Decryption
- 3. Reverse engineering
- 4. Encryption

Options:

86435132831.1

86435132832. 2

86435132833.3

Question Number: 58 Question Id: 86435110150 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following is an encryption program or add-on which provides cryptographic privacy & authentication for email communication?

- 1. Powerful Good Privacy
- 2. Pretty Good Privacy
- 3. Pretty Good Encryption
- 4. Pretty Strong Encryption

Options:

86435132835. 1

86435132836. 2

86435132837.3

86435132838.4

 $Question\ Number: 59\ Question\ Id: 86435110151\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Correct Marks: 1 Wrong Marks: 0

Which one of the following is the art & science of cracking the cipher-text without knowing the key?

- 1. Cracking
- 2. Cryptanalysis
- 3. Cryptography
- 4. Crypto-hacking

Options:

86435132839. 1

86435132840. 2

Question Number: 60 Question Id: 86435110152 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following is a process of breaking a password protected system or server by simply and automatically entering every word in a dictionary as a password?

- 1. Dictionary attack
- 2. Phishing attack
- 3. Social engineering attack
- 4. MiTM attack

Options:

86435132843.1

86435132844. 2

86435132845.3

86435132846.4

Question Number: 61 Question Id: 86435110153 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

ISP stands for

- 1. Intranet Service Provider
- 2. Internet Service Provider
- 3. International Special Providers
- 4. Inter Service Provider

Options:

86435132847. 1

86435132849. 3 86435132850. 4

Question Number: 62 Question Id: 86435110154 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

VIRUS stands for

1. Very Intelligent Result Until Source

- 2. Very Interchanged Resource Under Search
- 3. Vital Information Resource Under Siege
- 4. Viral Important Record User Searched

Options:

86435132851.1

86435132852. 2

86435132853.3

86435132854.4

Question Number: 63 Question Id: 86435110155 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which of the following principle(s) is/are violated if the computer system is not accessible?
A. Confidentiality

- B. Availability
- C. Access Control
- D. Authentication

Choose the *correct* answer from the options given below:

- 1. A, B and D only
- 2. B and C only
- 3. B only
- 4. A only

Options:

86435132855. 1

86435132856. 2

86435132857. 3

86435132858. 4

 $Question\ Number: 64\ Question\ Id: 86435110156\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

Which one of the following is a premier industry body on data protection in India, setup by NASSCOM, committed to making the cyberspace safe, secure and trusted by establishing best practices, standards and initiatives in cyber security and privacy?

- 1. NATGRID
- 2. Botnet Clearing Center
- 3. Data Security Council of India (DSCI)
- 4. National Crime Records Bureau (NCRB)

Options:

86435132859. 1

86435132860. 2

86435132861.3

86435132862. 4

Question Number: 65 Question Id: 86435110157 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

IANA stands for

- 1. Internet Assigned Numbers Assignment
- 2. Internet Assigned Numbers Authority
- 3. Internet Applicable Numbers Assignment
- 4. Internet All Numbers Assignment

Options:

86435132863.1

86435132864. 2

86435132865. 3

86435132866. 4

Question Number: 66 Question Id: 86435110158 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which one of the following words means protecting your data from getting disclosed?

- 1. Confidentiality
- 2. Integrity
- 3. Authentication
- 4. Availability

Options:

86435132867. 1

86435132868. 2

86435132869.3

86435132870.4

Question Number: 67 Question Id: 86435110159 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Grey Hat Hackers are the combination of:

- A. White Hat Hackers
- B. Black Hat Hackers
- C. Red Hat Hackers
- D. Blue Hat Hackers

Choose the *correct* answer from the options given below:

- 1. A and B only
- 2. B and D only
- 3. A and D only
- 4. A, B and D only

Options:

86435132871.1

86435132872. 2

86435132873.3

86435132874.4

Question Number: 68 Question Id: 86435110160 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following refers to anything which your search engine cannot search?

- 1. Haunted web
- 2. World Wide Web
- 3. Surface Web
- 4. Deep Web

Options:

86435132875.1

86435132876. 2

86435132877.3

86435132878.4

Question Number: 69 Question Id: 86435110161 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following is an example of an anonymity service that conceals the location and usage of any user?

- 1. Tor
- 2. Encrypted router
- 3. Firewall
- 4. HTTPS

Options:

86435132879. 1 86435132880. 2 86435132881. 3 86435132882. 4

Question Number: 70 Question Id: 86435110162 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which one of the following is the practice implemented to spy someone using technology for gathering sensitive information?

- 1. Cyber espionage
- 2. Cyber-spy
- 3. Digital Spying
- 4. Spyware

Options:

86435132883.1

86435132884. 2

86435132885.3

86435132886.4

Question Number: 71 Question Id: 86435110163 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Firewalls protect against which of the following? A. Data driven attacks B. Fire attacks C. Virus Attacks D. Unauthorised access Choose the *correct* answer from the options given below: 1. A, B and C only 2. B, C and D only 3. A, C and D only 4. B and C only **Options:** 86435132887. 1 86435132888. 2 86435132889.3 86435132890.4 Question Number: 72 Question Id: 86435110164 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No **Correct Marks: 1 Wrong Marks: 0** Which one of the following devices secretly collects data from credit / debit cards?

1. Card Cloner

2. Card Skimmer

3. Card Copier

4. Card Data Stealer

Options:

86435132891.1

86435132892. 2

86435132893.3

86435132894.4

Question Number: 73 Question Id: 86435110165 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which entity issues digital certificates?

- 1. Certificate Authority (CA)
- 2. Cert Authority (CA)
- 3. Cert Authorization (CA)
- 4. Certificate Authorization (CA)

Options:

86435132895.1

86435132896. 2

86435132897. 3

86435132898.4

Question Number: 74 Question Id: 86435110166 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following is the information gathering phase in ethical hacking from the target user?

- 1. Reconnaissance
- 2. Scanning
- 3. Gaining Access
- 4. Maintaining Access

Options:

86435132899. 1

86435132900. 2

86435132901.3

86435132902.4

Question Number: 75 Question Id: 86435110167 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

What is email spoofing?

A. Copying or forwarding emails and then editing their TO and FROM to make it appear that the email was originally sent TO or FROM someone else

B. When someone forges or makes it appear that a email being sent is from a particular sender when it really is being sent by someone else

C. When someone sends an email that appears to look legitimate, but is actually not and is being used to obtain personal or important information

D. Sending an email through multiple accounts in order to make it difficult to trace back the original email's sender address or origin

Choose the correct answer from the options given below

- 1. A only
- 2. B only
- 3. C only
- 4. D only

Options:

86435132903.1

86435132904. 2

86435132905.3

Question Number: 76 Question Id: 86435110168 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which of the following goals cannot be achieved with the help of Symmetric Cryptography?

A. Nonrepudiation

B. Confidentiality

C. Integrity

D. Availability

Choose the *correct* answer from the options given below:

- 1. A, B and D only
- 2. A and B only
- 3. C and D only
- 4. D only

Options:

86435132907. 1

86435132908. 2

86435132909.3

86435132910.4

Question Number: 77 Question Id: 86435110169 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Antivirus signatures are constructed using

- 1. Cyclic Redundancy Check
- 2. Hashes
- 3. Random Number Generators
- 4. Encryption Algorithms

Options:

86435132911. 1

86435132912. 2

86435132913.3

86435132914.4

Question Number: 78 Question Id: 86435110170 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

The full form of Malware is

- 1. Malfunctioned Software
- 2. Multipurpose Software
- 3. Malicious Software
- 4. Malfunctioning of Security

Options:

86435132915. 1

86435132916. 2

86435132917. 3

86435132918.4

Question Number: 79 Question Id: 86435110171 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which of the following is an example of physical hacking?

- A. Remote Unauthorised access
- B. Inserting into a system, a USB loaded with malware
- C. SQL Injection into a SQL vulnerable site
- D. DDoS (Distributed Denial of Service) attack

Choose the *correct* answer from the options given below:

- 1. A, C and D only
- 2. B only
- 3. A only
- 4. C and D only

Options:

86435132919. 1

86435132920. 2

86435132921.3

86435132922.4

Question Number: 80 Question Id: 86435110172 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which one of the following is a violent act done using the Internet, which either threatens any technology user or leads to loss of life or otherwise harms anyone in order to accomplish a political gain?

- 1. Cyber-warfare
- 2. Cyber campaign
- 3. Cyber-terrorism
- 4. Cyber attack

Options:

86435132923. 1

86435132924. 2

86435132925.3

86435132926. 4

Question Number: 81 Question Id: 86435110173 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Computer viruses are

2000 de 2000 d

- 1. Automatically made by machines
- 2. Occur naturally
- 3. Man-made
- 4. All of the above

Options:

86435132927. 1

86435132928. 2

86435132929. 3

86435132930.4

Question Number: 82 Question Id: 86435110174 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

When plain text is converted to an unreadable format, it is termed as

- 1. Rotten text
- 2. Raw text
- 3. Cipher-text
- 4. Ciphen-text

Options:

86435132931.1

86435132932. 2

86435132933.3

86435132934.4

Question Number: 83 Question Id: 86435110175 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

In public key encryption, if A wants to send an encrypted message to B then

- 1. A encrypts message using his private key
- 2. A encrypts message using B's private key
- 3. A encrypts message using B's public key
- 4. A encrypts message using his public key

Options:

86435132935.1

86435132936. 2

86435132937.3

86435132938. 4

Question Number: 84 Question Id: 86435110176 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which of the following is known as Malicious software?

- 1. Illegalware
- 2. Malware
- 3. Badware
- 4. Maliciousware

Options:

86435132939. 1

86435132940. 2

86435132941.3

86435132942.4

Question Number: 85 Question Id: 86435110177 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Encryption techniques improve a networks'

- 1. Longevity
- 2. Security
- 3. Performance
- 4. Reliability

Options:

86435132943.1

86435132944. 2

86435132945.3

86435132946.4

Question Number: 86 Question Id: 86435110178 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

POS stands for

- 1. Point of Sales
- 2. Person of Sales
- 3. Point of Service
- 4. None of the above

Options:

86435132947. 1

86435132948. 2

86435132949. 3

86435132950.4

Question Number: 87 Question Id: 86435110179 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

PII stands for

- 1. Personally Identifiable Instrument
- 2. Personally Identifiable Information
- 3. Portable Identifiable Information
- 4. Professionally Identified Information

Options:

86435132951.1

86435132952. 2

86435132953.3

86435132954.4

Question Number: 88 Question Id: 86435110180 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

The Firewall examines which one of the following as they enter or leave the internal network?

- 1. Email users
- 2. Updates
- 3. Connections
- 4. Data packets

Options:

86435132955. 1

86435132956. 2

86435132957.3

86435132958.4

Question Number: 89 Question Id: 86435110181 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

One common way to maintain data availability is through

- 1. Data clustering
- 2. Data backup
- 3. Data recovery
- 4. Data altering

Options:

86435132959.1

86435132960. 2

86435132961.3

86435132962. 4

Question Number: 90 Question Id: 86435110182 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Which one of the following means the protection of data from modification by unknown users?

- 1. Confidentiality
- 2. Integrity
- 3. Authentication
- 4. Non-repudiation

Options:

86435132963. 1

86435132964. 2

86435132965.3

86435132966. 4

Question Number: 91 Question Id: 86435110183 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

According to the CIA Triad, which of the below-mentioned elements are considered in the triad? A. Confidentiality B. Integrity C. Authenticity D. Availability E. Communication F. Interconnectivity Choose the *correct* answer from the options given below: 1. A, B and D only 2. A, C and F only 3. B, D and E only 4. D, E and F only

Options:

86435132967. 1

86435132968. 2

86435132969. 3

86435132970.4

 $Question\ Number: 92\ Question\ Id: 86435110184\ Question\ Type: MCQ\ Option\ Shuffling: No\ Is\ Question\ Mandatory: No\ Shuffling: No\ Sh$

What does IP mean?

- 1. Instance Principal
- 2. Intellectual Property
- 3. Instant Protocol
- 4. Internet Protocol

Options:

86435132971.1

86435132972. 2

86435132973.3

86435132974.4

Question Number: 93 Question Id: 86435110185 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

How to avoid Man-in-the-Middle attack?

A. Use HTTPS connections and verify the SSL certificate

B. Accept every SSL certificate, even the broken ones

C. Use connections without SSL

Choose the *correct* answer from the options given below:

- 1. A, B and C only
- 2. A only
- 3. B and C only
- 4. B only

Options:

86435132976. 2

86435132977.3

86435132978.4

Question Number: 94 Question Id: 86435110186 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which phase of hacking performs an actual attack on a network or a system?

- 1. Reconnaissance
- 2. Maintaining Access
- 3. Scanning
- 4. Gaining Access

Options:

86435132979.1

86435132980. 2

86435132981.3

86435132982.4

Question Number: 95 Question Id: 86435110187 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

Which of the following is the technique used to look for information in trash or around dustbin container?

- 1. Pretexting
- 2. Baiting
- 3. Quid Pro Quo
- 4. Dumpster diving

Options:

86435132983. 1

86435132986.4

Question Number: 96 Question Id: 86435110188 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Tailgating is also termed as

- 1. Piggybacking
- 2. Pretexting
- 3. Phishing
- 4. Baiting

Options:

86435132987. 1

86435132988. 2

86435132989.3

86435132990.4

Question Number: 97 Question Id: 86435110189 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which is the legal form of hacking based on which jobs are provided in IT industries and firms?

- 1. Cracking
- 2. Non-Ethical Hacking
- 3. Ethical Hacking
- 4. Hactivism

Options:

86435132991.1

86435132992. 2

86435132993.3

Question Number: 98 Question Id: 86435110190 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

Which one of the following is a special form of attack wherein hackers' exploit human psychology?

- 1. Cross Site Scripting
- 2. Insecure network
- 3. Social Engineering
- 4. Reverse Engineering

Options:

86435132995.1

86435132996. 2

86435132997.3

86435132998.4

Question Number: 99 Question Id: 86435110191 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No Correct Marks: 1 Wrong Marks: 0

What is a keylogger?

- 1. Software that records keys you set when encrypting files
- 2. Software that records keystrokes made on a keyboard
- 3. Software used to log all attempts to access a certain file
- 4. Software that steals passwords or "keys" that you have saved on your computer

Options:

86435132999. 1

86435133000.2

86435133001.3

Question Number: 100 Question Id: 86435110192 Question Type: MCQ Option Shuffling: No Is Question Mandatory: No

Correct Marks: 1 Wrong Marks: 0

DARPA stands for

- 1. Data Advanced Research Projects Agency
- 2. Defense Advanced Research Product Agency
- 3. Data based Advanced Research Product Agency
- 4. Defense Advanced Research Projects Agency

Options:

86435133003. 1

86435133004. 2

86435133005.3